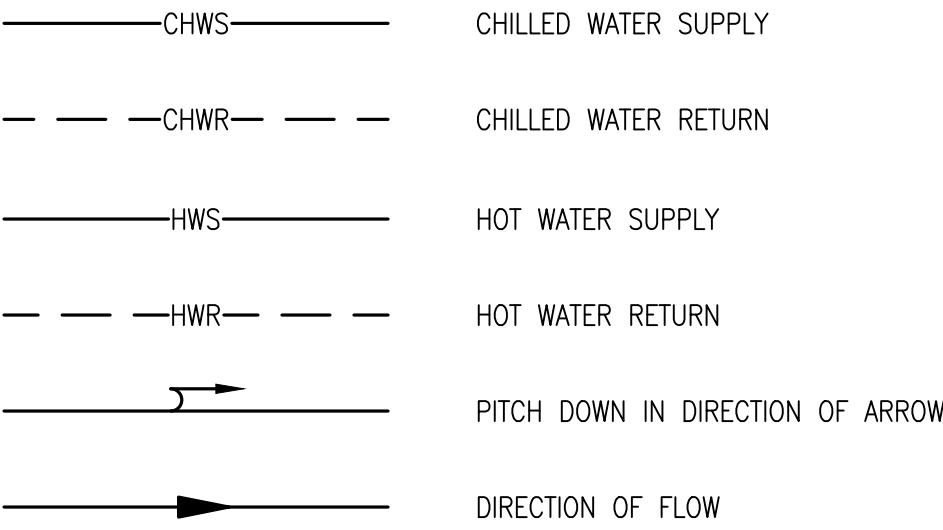


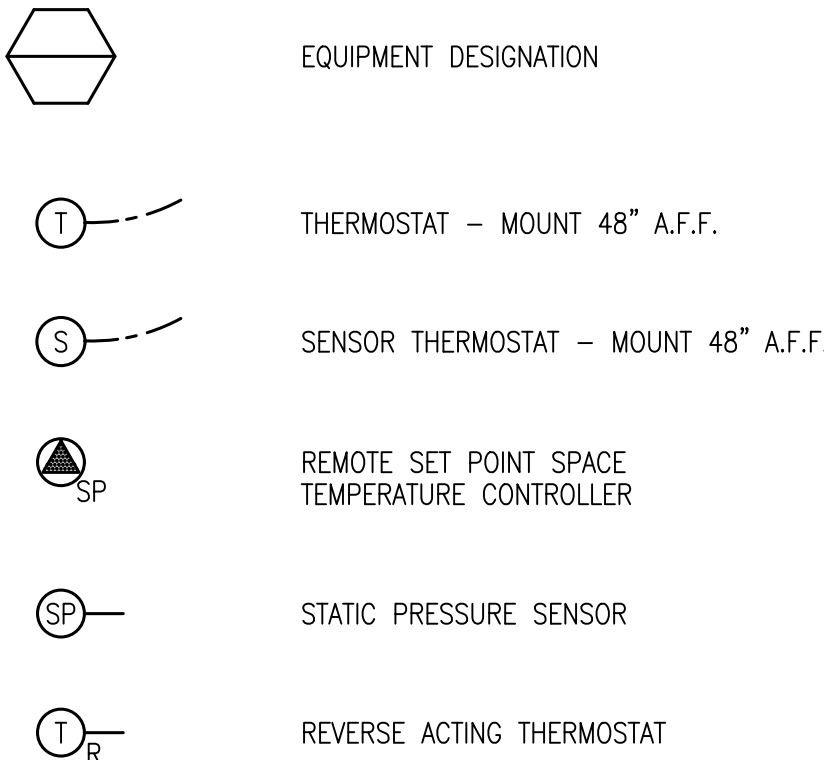
ABBREVIATIONS

ACC	AIR COOLED CHILLER	GPM	GALLONS PER MINUTE
AD	ACCESS DOOR	HVAC	HEATING, VENTILATING & AIR CONDITIONING CONTRACTOR
AFG	ABOVE FINISHED GRADE	LAT	LEAVING AIR TEMP. DEGREES F.
AFF	ABOVE FINISHED FLOOR	LWT	LEAVING WATER TEMP. DEGREES F.
AP	ACCESS PANEL	MAX	MAXIMUM
AS	AIR SEPARATOR	MIN	MINIMUM
ATC	TEMPERATURE CONTROL CONTRACTOR	OA	OUTSIDE AIR
CFM	CUBIC FEET PER MINUTE	P	PUMP
CO	CLEAN OUT	PC	PLUMBING CONTRACTOR
CP	CONDENSATE PUMP	PD	PRESSURE DROP (FEET OF WATER)
DB	DRY BULB TEMP. DEGREES F.	VFD	VARIABLE FREQUENCY DRIVE
EAT	ENTERING AIR TEMP. DEGREES F.	WB	WET BULB TEMP. DEGREES F.
EC	ELECTRICAL CONTRACTOR		
ET	EXPANSION TANK		
EWT	ENTERING WATER TEMP. DEGREES F.		
GC	GENERAL CONTRACTOR		

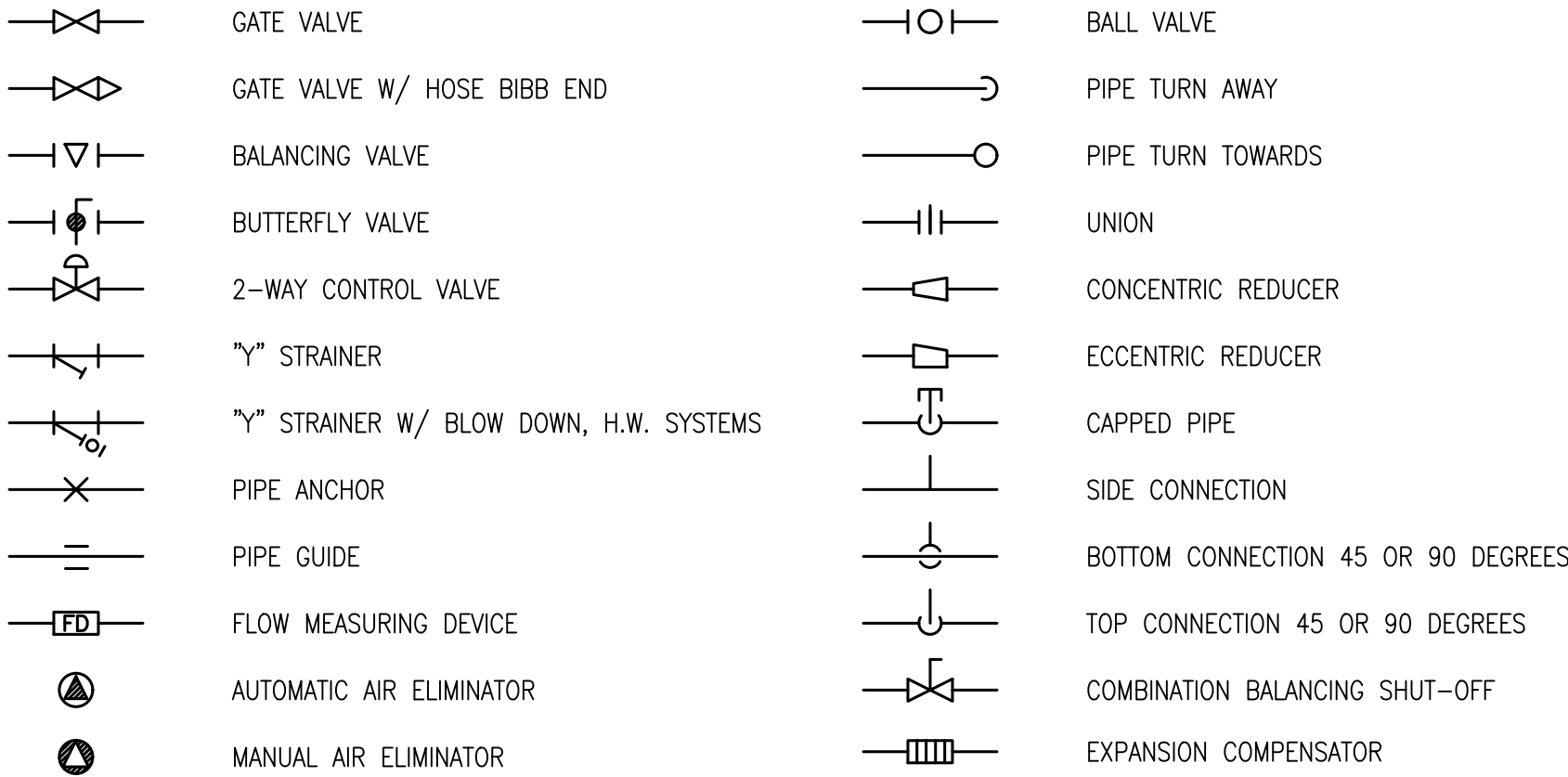
PIPING



GENERAL



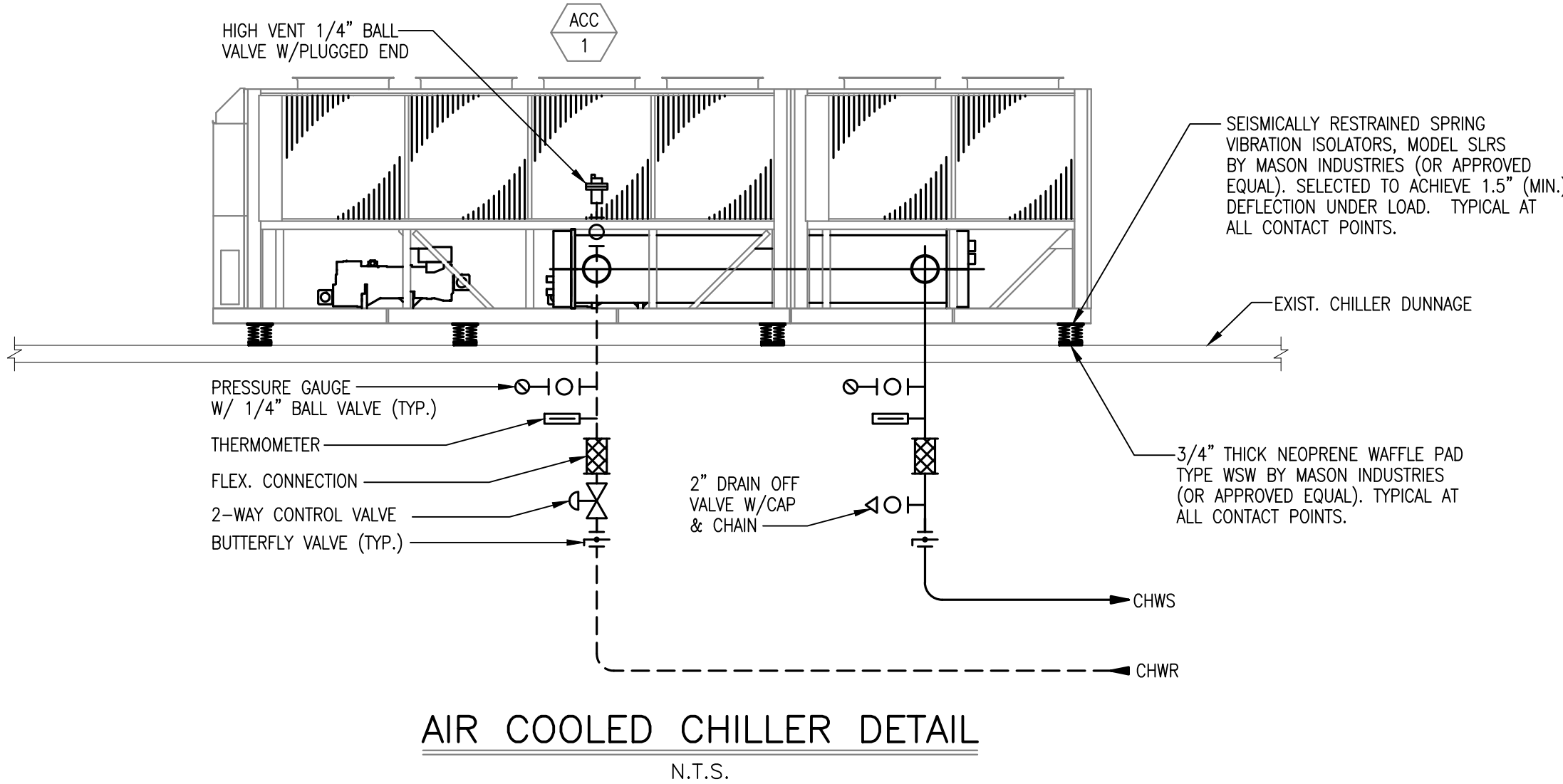
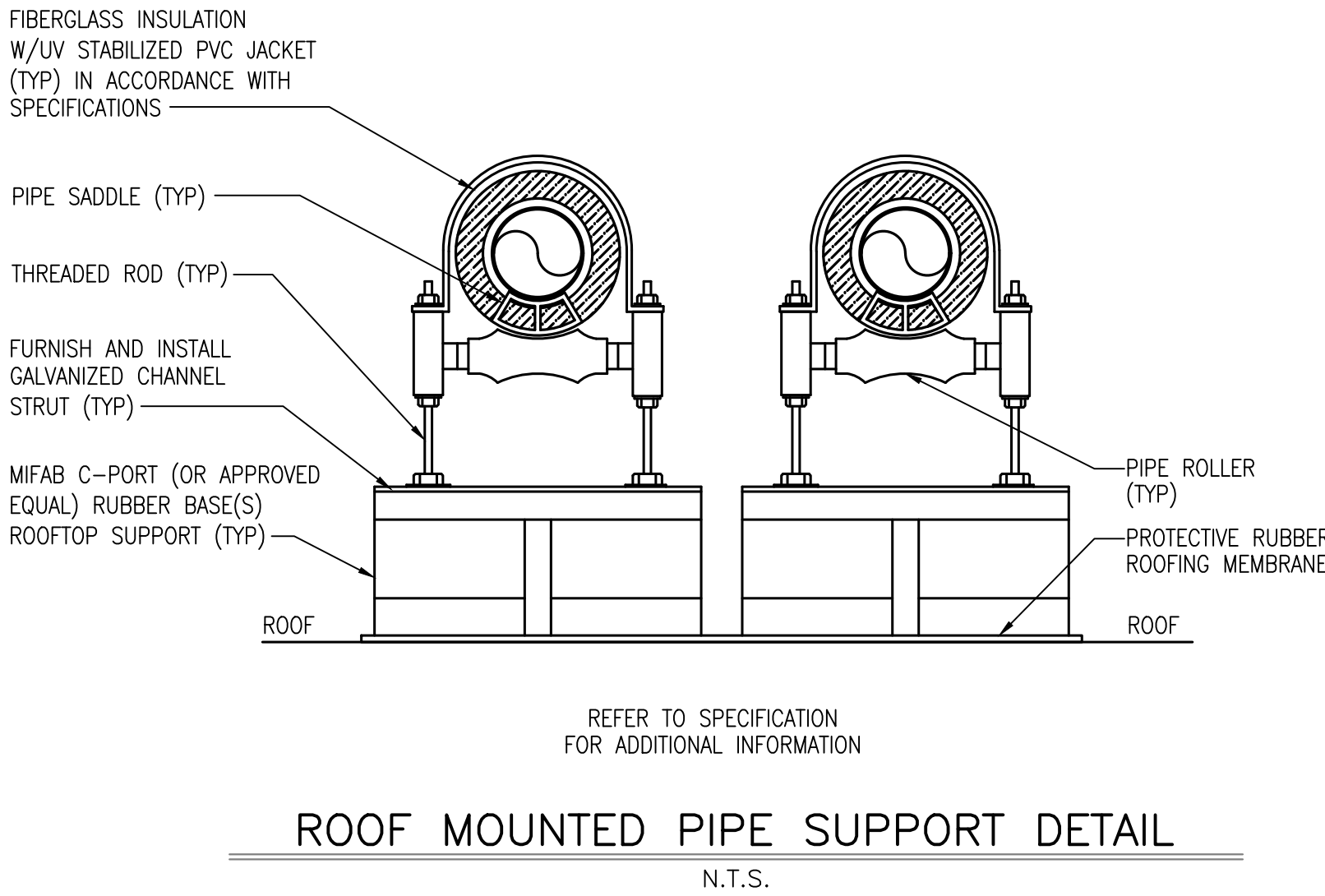
VALVES



AIR COOLED CHILLER UNIT SCHEDULE

ITEM	MFG'R ①	MODEL	NOM. CAP. TONS	REFRIG. CAP. TONS	AMBIENT TEMP.	REFRIG. TYPE	COMPRESSOR DATA			CONDENSER FAN DATA			CHILLED WATER				ELECTRICAL DATA				INPUT kW	IPLV (EER)	SOUND DATA		REMARKS
							NO.	RLA	LRA	NO.	LRA (EA)	FLA (EA)	GPM	EWT	LWT	PD	VOLTS	Ø	HZ	MCA			MOCP	SOUND PRESS.	
ACC-1	TRANE	RTAC 155	155	135	95.0°F	R-134a	2	133/113	285/252	11	2.70	N/A	285.8	57.0°F	45.0°F	5.68"	460	3	60	315.0	400.0	159.3	14.60	72	②
ACC-1	TRANE	ACR 150	150	135	95.0°F	R-134a	2	111.0	N/A	8	2.70	N/A	285.8	57.0°F	45.0°F	8.15"	460	3	60	275.0	350.0	158.4	19.91	68	② ALTERNATE #1

- ① ACCEPTABLE ALT. MANUFACTURERS: YORK/JCI, DAIKIN OR APPROVED EQUAL.
② CHILLER SHALL BE FURNISHED WITH UNIT MOUNTED DISCONNECT AND SERVICE OUTLET.



Griffith & Vary, Inc. Consulting Engineers
12 Kendrick Road
Wareham, MA 02571
508-295-0050 (T)
508-295-0003 (F)
www.griffithandvary.com

ROBBINS LIBRARY
CHILLER REPLACEMENT
PROJECT

700 MASSACHUSETTS AVE.
ARLINGTON, MA 02476

Notes:

North Arrow

Keyplan

Drawing Name:
MECHANICAL
LEGEND, DETAILS
AND SCHEDULES

Scale: NONE
Job No: 1GV-230
Drawn By: WEM
Date: January 6, 2020

Drawing Number:
M-1

Robbins Library
Chiller Replacement
Project

700 Massachusetts Ave.
Arlington, MA 02476

Notes:

North Arrow

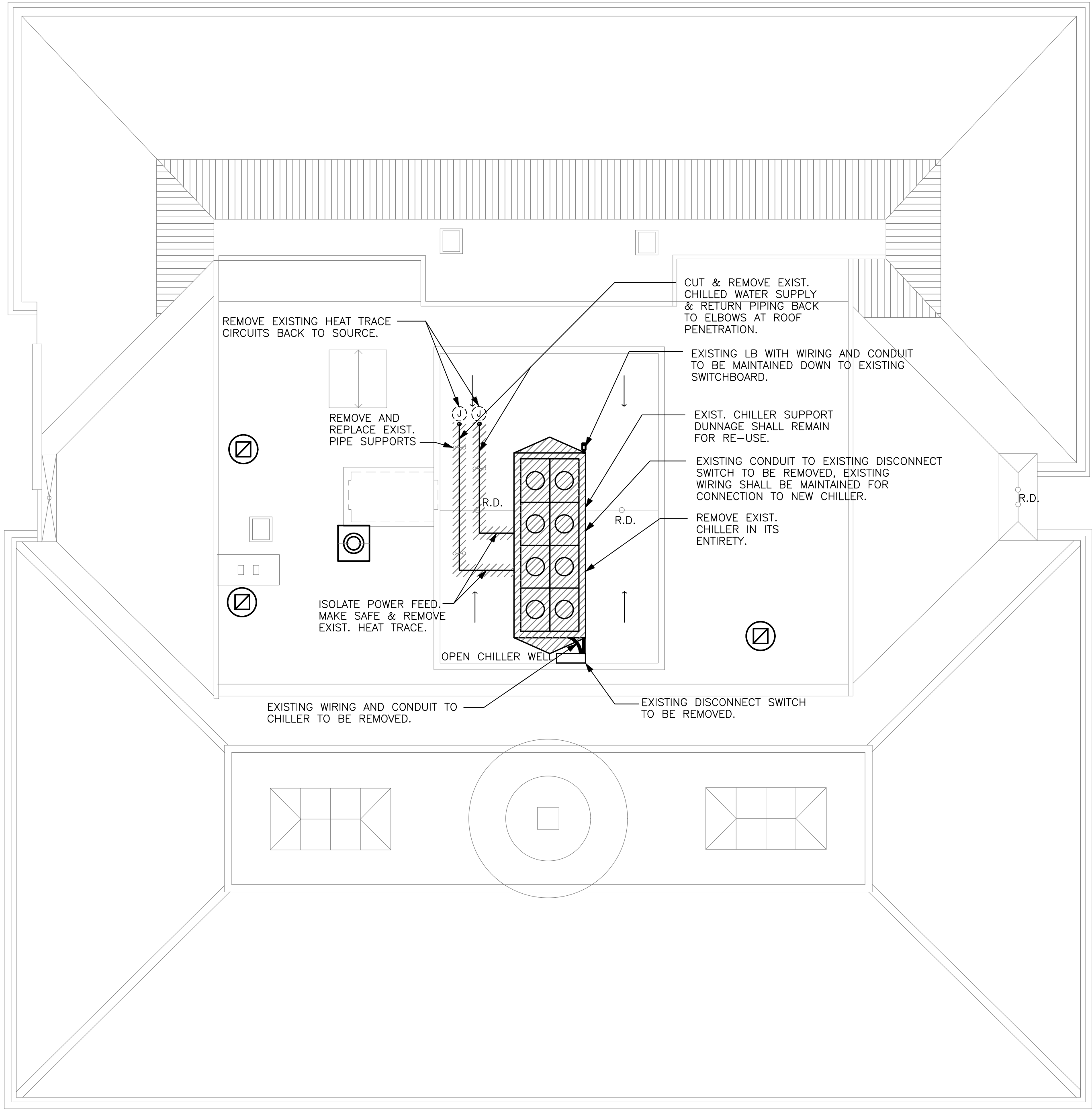
Keyplan

Drawing Name:

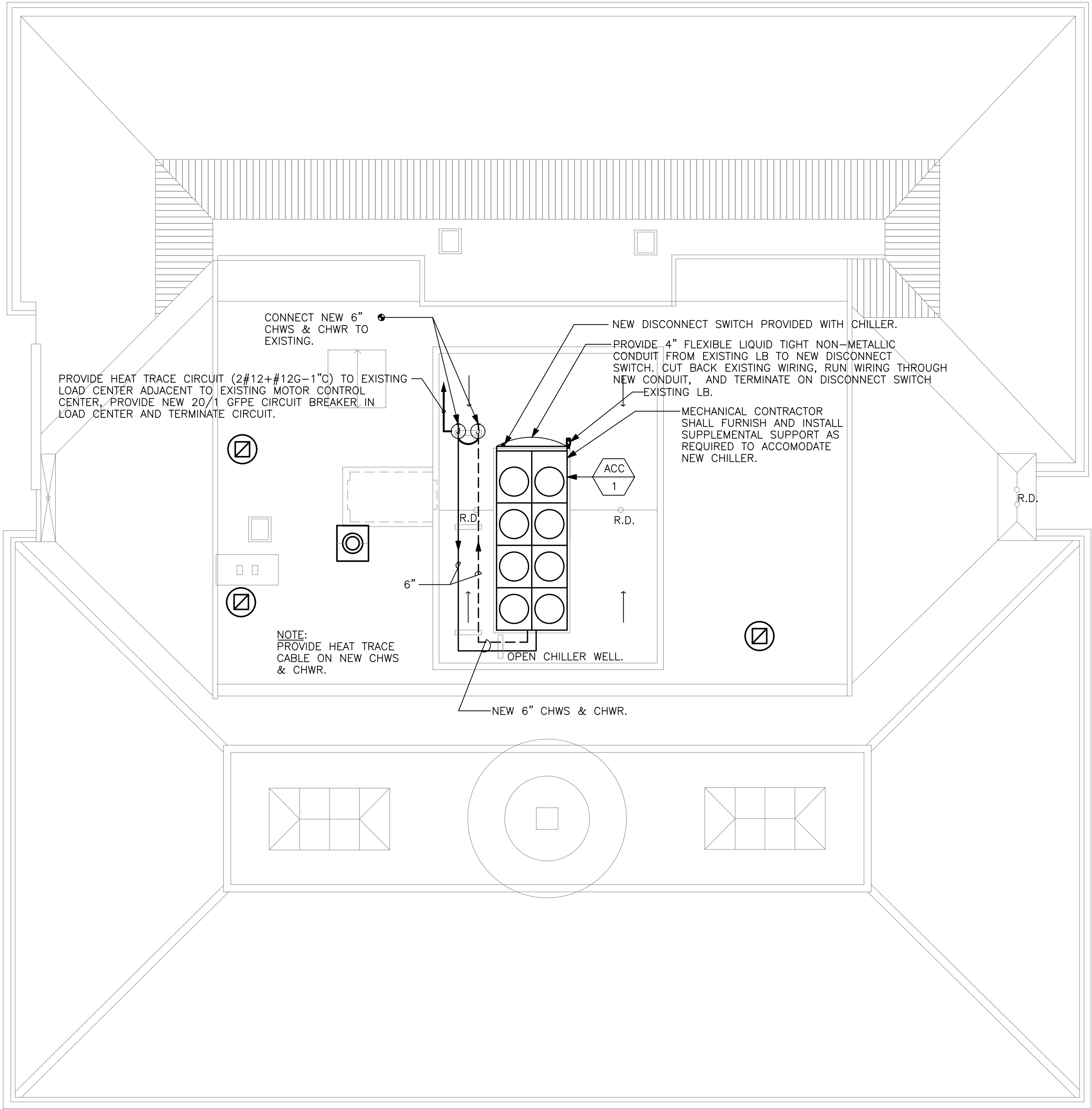
Mechanical
Roof Plan

Scale: As Noted
Job No: 1GV-230
Drawn By: JEM
Date: 1/6/2020

Drawing Number:
M-2



Roof Demolition Part Plan
Scale: 1/8"=1'-0"



Roof Renovation Part Plan
Scale: 1/8"=1'-0"